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**CENTRAL FAX CENTER****OCT 02 2006**

**To:** United States Patent and Trademark Office  
Central Facsimile

**Fax:** 571-273-8300

**Phone:**

**Re:** Response to Office Action - Amendment

**Appl. No:** 10/697406

**Atty File:** 52003218

**FROM:** Sandra L. Etherton, Reg. No. 36,982

**FAX:** 602-681-3339

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**PAGES:** 10 including cover

**DATE:** October 2, 2006

439-002

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**THE ATTACHED INFORMATION IS CONFIDENTIAL.**  
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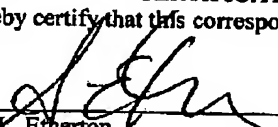
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**RECEIVED**  
**CENTRAL FAX CENTER****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE** **OCT 02 2006**

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*In re Application of***Applicants:** Guenthner, et al.**Title of Invention:** Method for Improving Performance of Critical Path in Field Programmable Gate Arrays**Filed:** 10/29/2003**Serial Number:** 10/697,406**Atty Docket No.:** 52003218

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CERTIFICATE OF TRANSMISSION under 37 CFR §1.8 and 1.6(d)	
I hereby certify that this correspondence is being transmitted by facsimile on the date indicated below to the central facsimile number: 571-273-8300.	
 Sandra L. Etherton	10/2/06 Date

Mail Stop AMENDMENT  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE TO OFFICE ACTION**

This a response to an office action dated June 6, 2006, with no shortened statutory response specified. This response is filed within the maximum statutory period of 6 months and is considered timely filed. Therefore, no extension fee is believed to be due.

Claim Amendments begin on page 2 of this paper.

Remarks begin on page 7 of this paper.

439-002